

FIG. 1

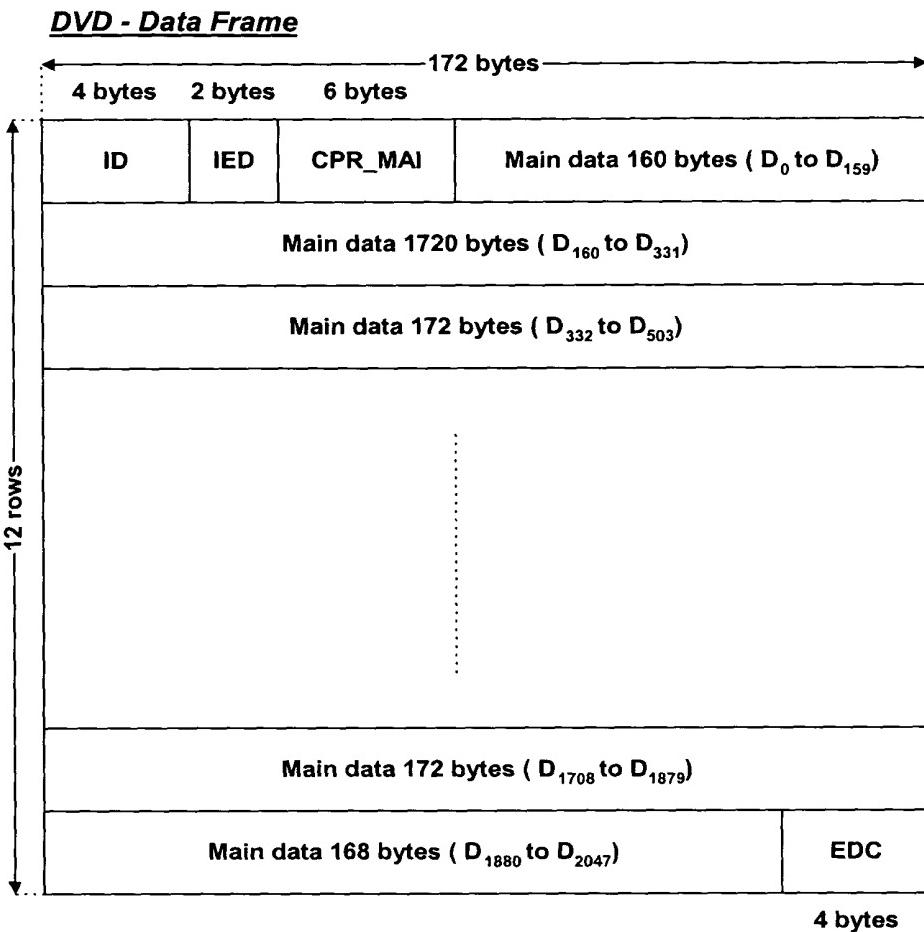


FIG. 2

DVD - Data Frame

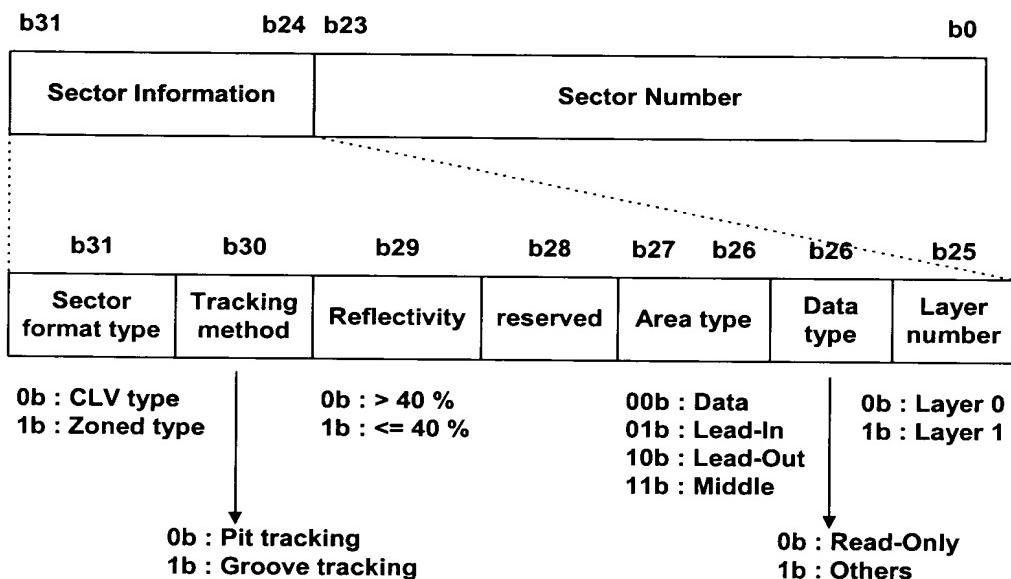


FIG. 3

Blu-ray Disc

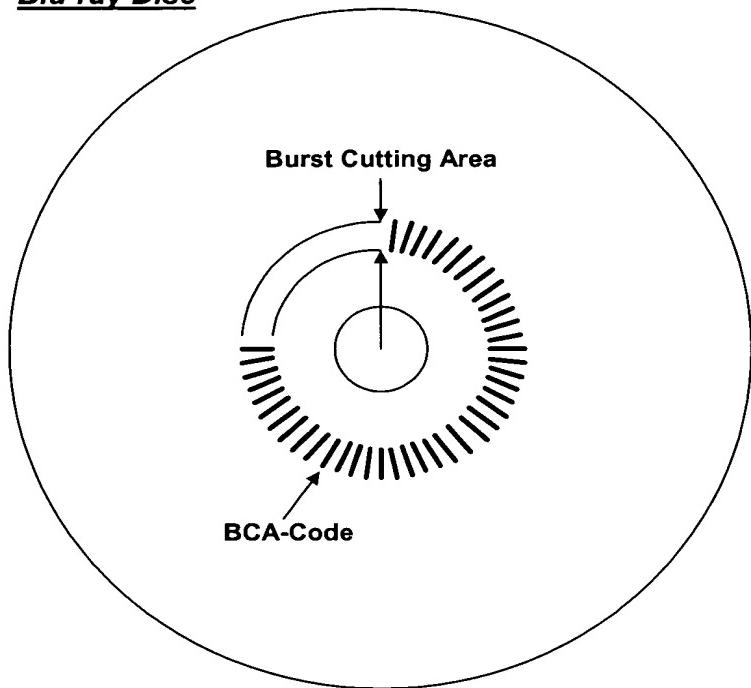


FIG. 4

Data structure of BCA-code

| SB _{3,3} | BCA pre-amble (all 00h) | | | | 1 row |
|-------------------|-------------------------|-------------------|-------------------|-------------------|------------------|
| SB _{0,0} | I _{0,0} | I _{1,0} | I _{2,0} | I _{3,0} | 4 rows data |
| SB _{0,0} | I _{4,0} | I _{5,0} | I _{6,0} | I _{7,0} | |
| SB _{0,0} | I _{8,0} | I _{9,0} | I _{10,0} | I _{11,0} | |
| SB _{0,0} | I _{12,0} | I _{13,0} | I _{14,0} | I _{15,0} | |
| SB _{0,1} | C _{0,0} | C _{1,0} | C _{2,0} | C _{3,0} | 4 rows parity |
| SB _{0,1} | C _{4,0} | C _{5,0} | C _{6,0} | C _{7,0} | |
| SB _{0,1} | C _{8,0} | C _{9,0} | C _{10,0} | C _{11,0} | |
| SB _{0,1} | C _{12,0} | C _{13,0} | C _{14,0} | C _{15,0} | |
| SB _{0,2} | I _{0,1} | I _{1,1} | I _{2,1} | I _{3,1} | 4 rows data |
| SB _{0,2} | I _{4,1} | I _{5,1} | I _{6,1} | I _{7,1} | |
| SB _{0,2} | I _{8,1} | I _{9,1} | I _{10,1} | I _{11,1} | |
| SB _{0,2} | I _{12,1} | I _{13,1} | I _{14,1} | I _{15,1} | |
| SB _{0,3} | C _{0,1} | C _{1,1} | C _{2,1} | C _{3,1} | 4 rows parity |
| SB _{0,3} | C _{4,1} | C _{5,1} | C _{6,1} | C _{7,1} | |
| SB _{0,3} | C _{8,1} | C _{9,1} | C _{10,1} | C _{11,1} | |
| SB _{0,3} | C _{12,1} | C _{13,1} | C _{14,1} | C _{15,1} | |
| SB _{0,4} | I _{0,2} | I _{1,2} | I _{2,2} | I _{3,2} | 4 rows data |
| SB _{0,4} | I _{4,2} | I _{5,2} | I _{6,2} | I _{7,2} | |
| SB _{0,4} | I _{8,2} | I _{9,2} | I _{10,2} | I _{11,2} | |
| SB _{0,4} | I _{12,2} | I _{13,2} | I _{14,2} | I _{15,2} | |
| SB _{0,5} | C _{0,2} | C _{1,2} | C _{2,2} | C _{3,2} | 4 rows parity |
| SB _{0,5} | C _{4,2} | C _{5,2} | C _{6,2} | C _{7,2} | |
| SB _{0,5} | C _{8,2} | C _{9,2} | C _{10,2} | C _{11,2} | |
| SB _{0,5} | C _{12,2} | C _{13,2} | C _{14,2} | C _{15,2} | |
| SB _{0,6} | I _{0,3} | I _{1,3} | I _{2,3} | I _{3,3} | 4 rows data |
| SB _{0,6} | I _{4,3} | I _{5,3} | I _{6,3} | I _{7,3} | |
| SB _{0,6} | I _{8,3} | I _{9,3} | I _{10,3} | I _{11,3} | |
| SB _{0,6} | I _{12,3} | I _{13,3} | I _{14,3} | I _{15,3} | |
| SB _{0,7} | C _{0,3} | C _{1,3} | C _{2,3} | C _{3,3} | 4 rows parity |
| SB _{0,7} | C _{4,3} | C _{5,3} | C _{6,3} | C _{7,3} | |
| SB _{0,7} | C _{8,3} | C _{9,3} | C _{10,3} | C _{11,3} | |
| SB _{0,7} | C _{12,3} | C _{13,3} | C _{14,3} | C _{15,3} | |

FIG. 5

Blu-ray Disc

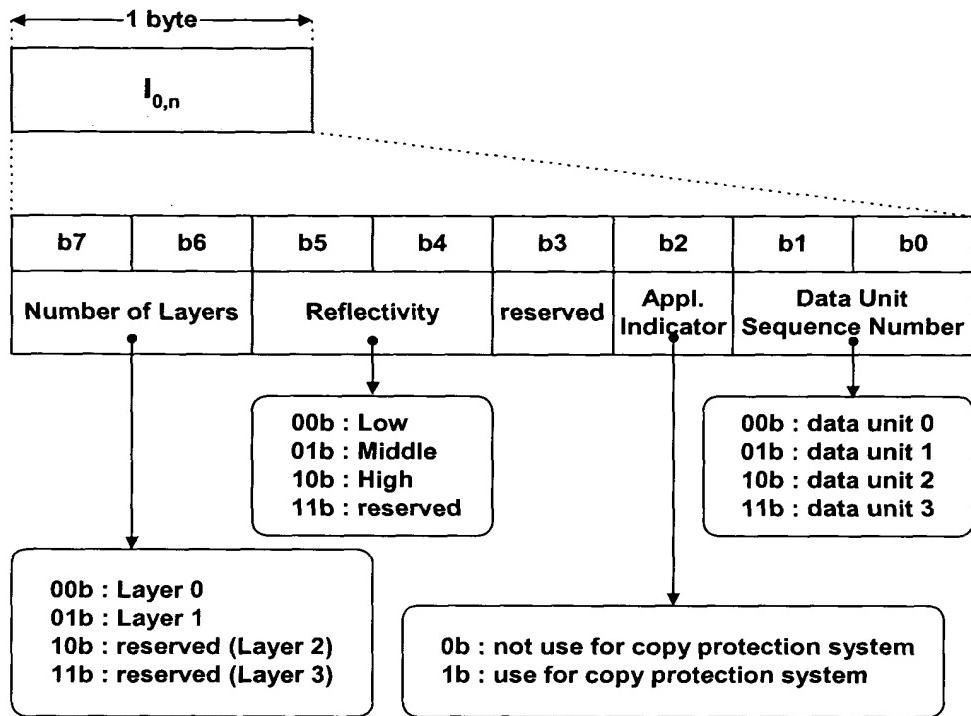


FIG. 6

Blu-ray Disc

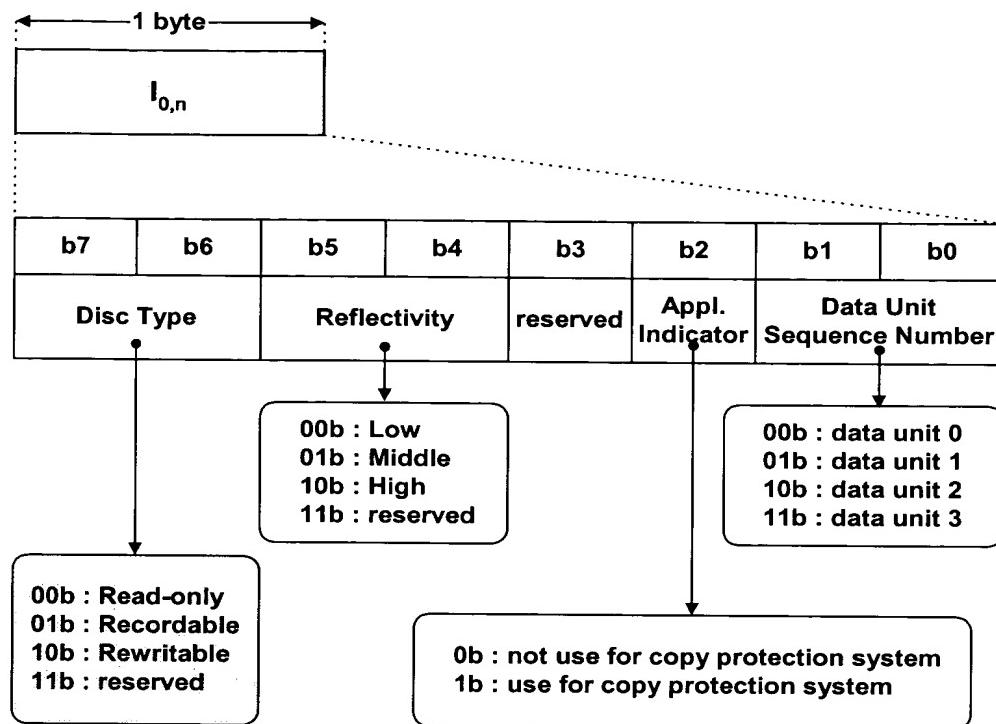


FIG. 7

BD - Address Unit

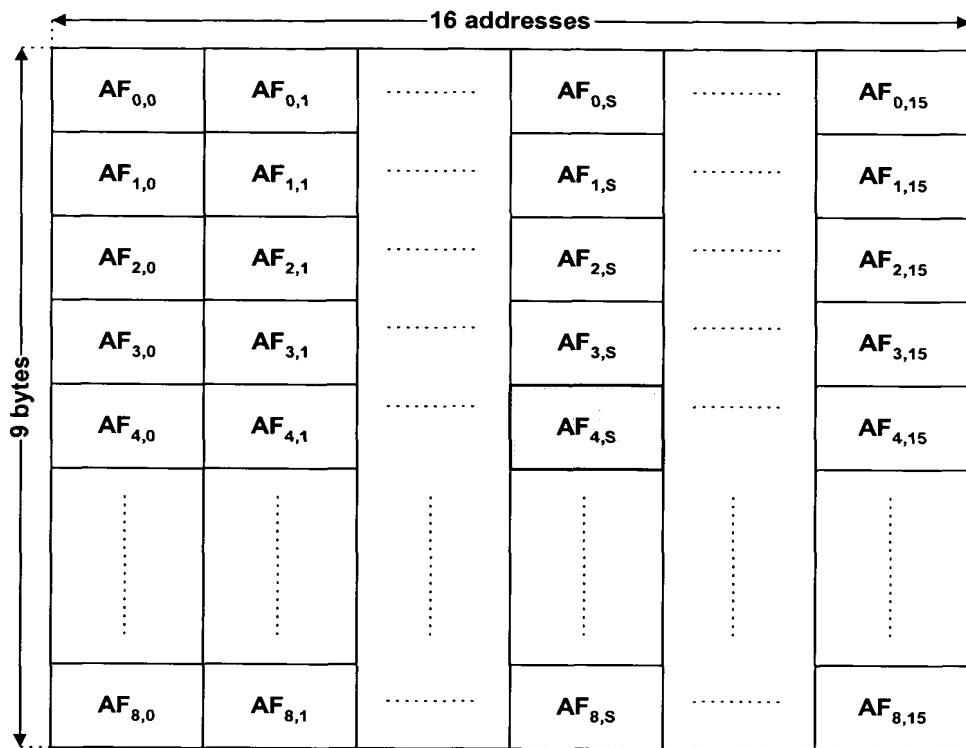


FIG. 8

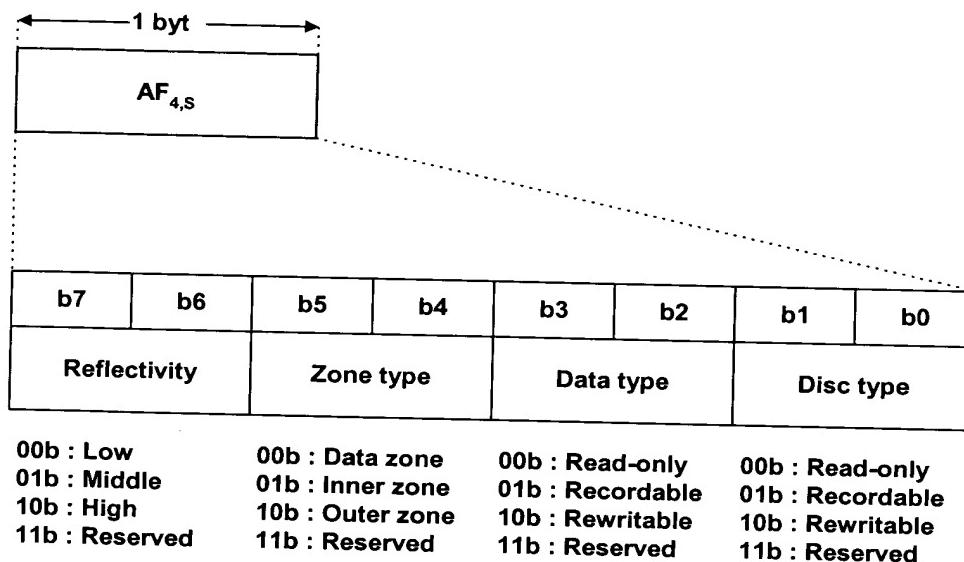


FIG. 9

Physical AD/P Addr ss

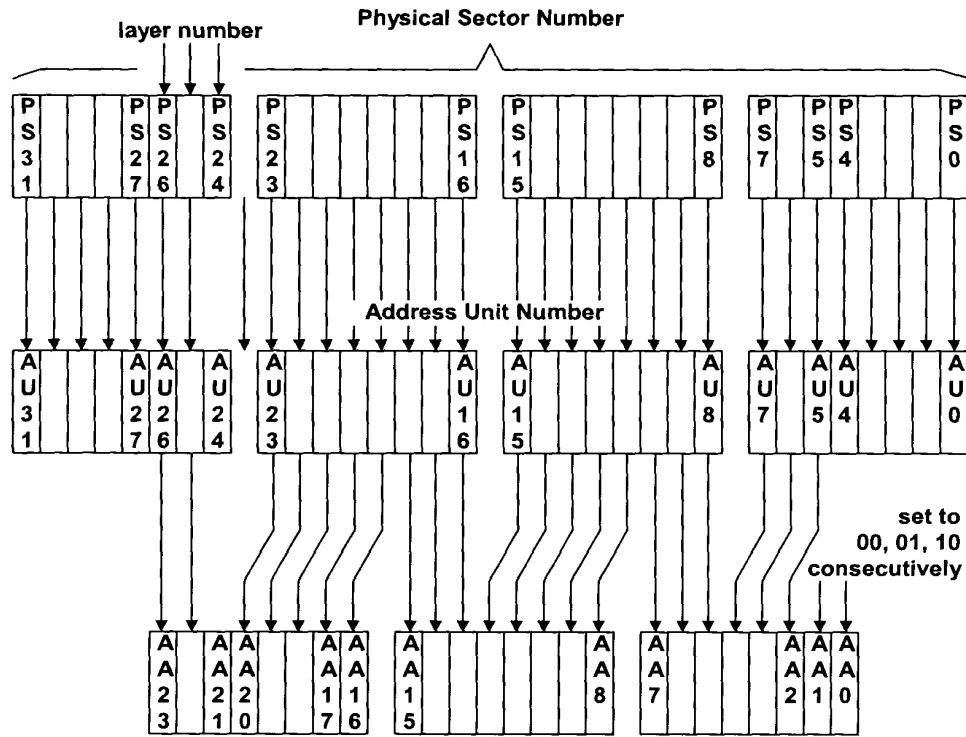


FIG. 10

